

Mannonate dehydratase Recombinant Protein | *uxuA* recombinant protein

Recombinant *Sorangium cellulosum* (strain So ce56) Mannonate dehydratase

CATALOG #
AAA114454

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

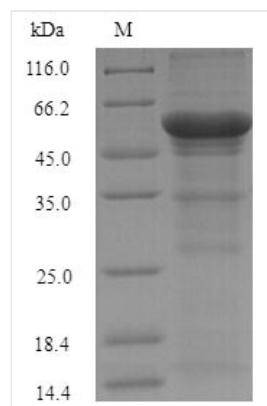
PRODUCT SYNONYMS

Mannonate dehydratase; Recombinant *Sorangium cellulosum* (strain So ce56) Mannonate dehydratase; D-mannonate hydro-lyase; *uxuA* recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-357aa; Full Length
Sequence	MKMTFRWYGE NDPVKLEYIR QIPGIYGIS AIYDVPVGEV WPVERLQALR ARVEGVGLRF EVVESVPVHE DIKLGKPARE RLIDNFCQNI RNCAAAGVKV ICYNFMPVFD WTRTEMAREL PDGSLTLAFD AAABAEIDPE QGSLPGWDS SYRPEQLRAV LDEYKNVSEE ALWEHLEHFL RRIIPVAEEV GVRMAMHPDD PPRPIFGLPR IVKNRDDLMR LVKTVDSPAN GITLCSGSLG ADLCNNIVSL VREFGGMGRI PFGHLRNVAV QEDGTFEESA HLSCEGSLDM AAIVKAYHDV GFDGYVRPDH GRMIWGETGK PGYGLYDRAL GLVYLNLWE ATCKLSPGPA AKVPAPG
Sequence Length	357
Species	<i>Sorangium cellulosum</i> (strain So ce56) (<i>Polyangium cellulosum</i> (strain So ce56))
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for *uxuA*
recombinant protein

Catalyzes the dehydration of D-mannonate.

References	"Complete genome sequence of the myxobacterium Sorangium cellulosum." Schneiker S., Perlova O., Kaiser O., Gerth K., Alici A., Altmeyer M.O., Bartels D., Bekel T., Beyer S., Bode E., Bode H.B., Bolten C.J., Choudhuri J.V., Doss S., Elnakady Y.A., Frank B., Gaigalat L., Goesmann A. Mueller R. Nat. Biotechnol. 25:1281-1289(2007)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	501193693
NCBI Accession #	WP_012236711.1
NCBI GenBank Nucleotide #	WP_012236711.1
UniProt Accession #	A9EVN4
Molecular Weight	55.7 kDa
NCBI Official Full Name	mannonate dehydratase
UniProt Protein Name	Mannonate dehydratase
UniProt Gene Name	uxuA
UniProt Entry Name	UXUA_SORC5

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://www.aaabiotech.com/uxua-recombinant-protein-e-coli/114454>